Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Friday 10 Feb 2023 until 23:59 on Saturday 11 Feb 2023

Forecast Issued on Thursday 09 Feb 2023 at 10:44

Confidence: High confidence for mainly settled conditions with high pressure building over much of the United Kingdom but lower confidence in cloud amount details and formation of any mist and fog.

Headline for Friday 10 Feb 2023: A dull day with mist and drizzle at times, perhaps the odd brighter spell in the east.

Mountain weather hazards on Friday 10 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Drizzle	Light rain	Drizzle	Dull	Dull	Dull
Precipitation probability							
10%	10%	20%	50%	40%	30%	30%	30%

Forecast for Friday 10 Feb 2023

Weather: Dry overnight and mainly high level cloud but towards dawn cloud will begin to thicken and lower with some mist, drizzle and patchy light rain through the morning. This tending to clear in the afternoon but remaining quite cloudy. The best chance of any brightness will be towards northeastern fells in the afternoon. Mist returning in the evening period.

Chance of cloud-free hill tops above 800m: 50% falling to 20% in the morning, improving to 60% in the afternoon

Low cloud and visibility: Patchy low cloud above 700m around dawn, cloud will thicken and lower as rain and drizzle spreads in, cloud becoming broken or extensive above 400m during the morning with poor visibility beneath in rain, mist and drizzle. There will be an improvement in the afternoon with cloud becoming more scattered above 600m and visibility will become moderate or good, possibly becoming poor again in the evening if mist reforms.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 10 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	23/29 SW	28/35 SW	29/38 SW	31/40 SW	34/45 SW	31/41 SW	27/35 SW	24/31 SW	23/31 SW
600	19/28 SW	23/31 SW	25/35 SW	25/35 SW	28/39 SW	26/37 SW	21/31 SW	19/28 SW	19/27 SW
300	8/23 W	9/27 SW	10/27 SW	9/28 SW	12/32 SW	12/30 W	11/26 W	9/23 SW	10/22 W
Valley	9/22 W	9/24 SW	9/24 SW	11/26 SW	15/32 SW	14/29 SW	11/25 SW	10/22 SW	12/24 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-8	-1/-9	-0/-8	1/-6	3/-4	2/-4	2/-4	2/-4	2/-4
600	1/-5	1/-5	2/-5	3/-3	4/-2	4/-2	4/-1	4/-1	4/-2
300	3/0	4/-0	4/0	4/1	6/2	6/3	6/3	6/3	6/3
Valley	6/3	6/3	6/4	7/4	8/4	8/5	8/6	8/6	8/5
Freezing Level*	800m	700m	1100m	1600m	1400m	1300m	1600m	1500m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Remaining quite breezy at height with a few gale force gusts. A significant windchill in rain and drizzle and strong winds during the morning, this will ease in the afternoon as freezing levels lift above the summits and rain eases.

Forecast for Saturday 11 Feb 2023

Weather: A cloudy start to the day with some mist and fog patches but cloud tending to lift and clear in the afternoon with a few bright or sunny spells later. Mainly dry throughout.

Maximum wind: Westerly 20mph gusts 30mph decreasing during the day to 10-15mph by mid afternoon

Chance of cloud-free hill tops above 800m: 50% in the morning with scattered low cloud, improving to 80% in the afternoon.

Low cloud and visibility: Scattered low cloud above 500m around the fells in the morning with mainly good visibility below, except where mist or fog has formed where visibility will fall poor for a time. Cloud will become patchy in the afternoon, mainly restricted to the southern fells above 700m with good visibility below the cloud.

Temperature: **Valleys:** Plus 8 Celsius.
At 800m: Plus 3 Celsius.
Freezing level: 900m rising to 1400m.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Thursday 9 February 2023. Location: Helvellyn summit at 12:00. Full report: A dry and cool day with moderate winds over high ground, and cloud shrouding many of the higher tops intermittently for much of the day. The Lakeland fells are almost entirely snow free, albeit apart from a few old patches that are still present around north and east-facing corrie rims and gully exits above roughly 900m. Some old slumping cornices are also present in these locations too. The exits to both Striding and Swirral edges still hold old patches of snow, although, with careful route choice, they can be passed without setting foot on it. All of the snow encountered today was extremely hard and icy and given that it is all on steep terrain it required the use of crampons and an ice axe to move over it safely. Despite the fells not looking particularly wintery, it was below freezing on the top of Helvellyn, and the windchill (feels-like) temperature was around -10ºC. Anyone stood still even for short amounts of time would get very cold very quickly. Full winter clothing (warm and waterproof) including hats and gloves and equipment including a headtorch, map, and compass are all essential for anyone venturing into the higher fells tomorrow. Temperature: minus 0.8 C, Maximum wind speed 28.5 mph, Wind chill: minus 9.2 C, Average wind speed: 21.5 mph

Issued at: 1044 on Thu 09 Feb 2023

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